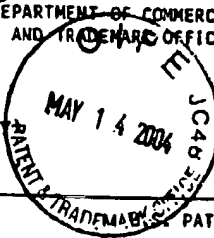


SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
04799/046002SERIAL NO.
09/266,982INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

(37 CFR 1.98(b))

APPLICANT
Britton ChanceFILING DATE
March 12, 1999GROUP
3737

PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PM	AA	3 6 3 8 6 4 0	02/1972	Shaw			
	AB	4 2 8 1 6 4 5	08/1981	Jobsis			
	AC	4 5 1 5 1 6 5	05/1985	Carroll			
	AD	4 9 3 7 5 2 6	06/1990	Ehman et al.			
	AE	4 9 4 0 4 5 3	07/1990	Cadwell			
	AF	5 0 8 8 4 9 3	02/1992	Giannini et al.			
	AG	5 0 9 0 4 1 5	02/1992	Yamashita et al.			
	AH	5 1 4 3 0 8 1	09/1992	Young et al.			
	AI	5 1 5 8 0 9 0	10/1992	Waldman et al.			
	AJ	5 2 1 8 9 6 2	06/1993	Mannheimer et al.			
MM	AK	5 2 8 7 2 7 6	02/1994	Crawford et al.			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
PM	AL	43 03 047 A	08/1994	Germany				
	AM	WO 88/01485	03/1988	WIPO				
	AN	WO 92/20273	11/1992	WIPO				
	AO	WO 93/25145	12/1993	WIPO				
	AP	WO 95/02987	02/1995	WIPO				
MM	AQ	WO 96/20638	07/1996	WIPO				

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

PM	AR	PCT International Search Report Int'l Appln. No. PCT/US97/16309, mailed February 10, 1998 (9 pp)
PM	AS	Apicella et al., "Fast multi-modality image matching", SPIE, Vol. 1092, pp. 252-263, 1989

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
04799/046002SERIAL NO.
09/266,982INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)APPLICANT
Britton ChanceFILING DATE
March 12, 1999GROUP
3737

(37 CFR 1.98(b))

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RM	BA	5 4 0 2 7 7 8	04/1995	Chance			
RM	BB	5 4 3 1 1 7 0	07/1995	Mathews			

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

RM	BC	Arridge, "The Forward and Inverse Problems in Time Resolved Infra-Red Imaging", Medical Optical Tomography: Functional Imaging and Monitoring", SPIE Optical Engineering Press, Vol. IS11, pp. 35-64, 1993
	BD	Benaron et al., "A Medical Perspective at the Threshold of Clinical Optical Tomography", Medical Optical Tomography: Functional Imaging and Monitoring", SPIE Optical Engineering Press, Vol. IS11, pp. 3-9, 1993
	BE	Colak et al., "Optical Back Projection Tomography in Heterogeneous Diffusive Media", Advances in Optical Imaging and Photon Migration, TOPS (Trends in Optics & Photonics Series), Vol. 2, pp. 282-289, March 1996
	BF	Feng et al., "Analytical perturbation theory of photon migration in the presence of a single absorbing or scattering defect sphere", SPIE, Vol. 2389, pp. 54-63, 1995
	BG	Hajnal et al., "Artifacts Due to Stimulus Correlated Motion in Functional Imaging of the Brain", MRM, pp. 283-291, 1994
	BH	Hoshi et al., "Detection of dynamic changes in cerebral oxygenation coupled to neuronal function during mental work in man", Neuroscience Letters, Vol. 150, pp. 5-8, 1993
	BI	Maki et al., "Spatial and temporal analysis of human motor activity using noninvasive NIR topography", Med. Phys., Vol. 22, No. 12, pp. 1997-2005, 1995
	BJ	Matcher et al., "Absolute quantification methods in tissue near infrared spectroscopy", SPIE, Vol. 2389, pp. 486-495, 1995
	BK	Nioka et al., "Optical Imaging of Breast Tumors with Various Methods", Oxygen Transport to Tissue, Vol. XVIII, pp. 227-232, 1997
	BL	Oda et al., "Non-Invasive Hemoglobin Oxygenation Monitor and Computerized Tomography of NIR Spectrophotometry", SPIE, Vol. 1431, p. 204, 1991
RM	BM	Ogawa et al., "The Sensitivity of Magnetic Resonance Image Signals of a Rat Brain to Changes in the Cerebral Venous Blood Oxygenation", Magnetic Resonance in Medicine, Vol. 29, pp. 205-210, 1993

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
04799/046002SERIAL NO.
09/266,982INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

(37 CFR 1.98(b))

APPLICANT
Britton ChanceFILING DATE
March 12, 1999GROUP
3737

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

14	CA	Pelizzari et al., "Accurate Three-Dimensional Registration of CT, PET and/or MR Images of the Brain", J. Computer Assisted Tomography, Vol. 13, No. 1, pp. 20-26, 1989
14	CB	Polishchuk et al., "Non-Euclidean diffusion and 'Fermat' photons in turbid media", SPIE, Vol. 2389, pp. 6-9, 1995
14	CC	Sevick et al., "The physical basis of biomedical optical imaging using time-dependent measurements of photon migration in the frequency-domain", Medical Optical Tomography: Functional Imaging and Monitoring, SPIE, Optical Engineering Press, Vol. 1511, pp. 485-512, 1993
14	CD	Sevick et al., "Quantitation of Time-and Frequency-Resolved Optical Spectra for the Determination of Tissue Oxygenation", Analytical Biochem., 195:330-351, 1991
14	CE	Singer et al., "Image Reconstruction of the Interior of Bodies that Diffuse Radiation", Science, Vol. 228, pp. 990-993, 1990
14	CF	Woods et al., "Rapid Automated Algorithm for Aligning and Reslicing PET Images", J. Computer Assisted Tomography, Vol. 16, No. 4, pp. 620-633, 1992
	CG	
	CH	
	CI	
	CJ	
	CK	
	CL	
	CN	

EXAMINER

DATE CONSIDERED

12/04

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of
this form with next communication to applicant.